

Application No. 10/619,149
Amendment Dated 08/18/2004
Reply to Office Action of 06/24/2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 – 9 (cancelled)

Claim 10 (previously presented): A composition comprising a modified anti-angiogenic serpin, or anti-angiogenic fragment thereof, wherein the serpin or fragment thereof is modified by covalent linkage to a polymer moiety.

Claim 11 (previously presented): The composition of claim 10, wherein the polymer is selected from the group consisting of a polyethylene glycol and a poloxamer.

Claim 12 (previously presented): The composition of claim 10, wherein the anti-angiogenic serpin is selected from the group consisting of: PEDF, maspin, antithrombin III, angiotensinogen, headpin, and combinations thereof.

Claim 13 (previously presented): The composition of claim 12, wherein the anti-angiogenic serpin is selected from the group consisting of PEDF, maspin, and combinations thereof.

Claim 14 (previously presented): The composition of claim 10, wherein the polymer has a molecular weight of about 20,000 or greater.

Claim 15 (previously presented): The composition of claim 11, wherein the polymer is a monomethoxy polyethylene glycol.

Claim 16 (previously presented): The composition of claim 15, wherein the monomethoxy polyethylene glycol is sulfonyl activated.

Claims 17 – 27 (cancelled)